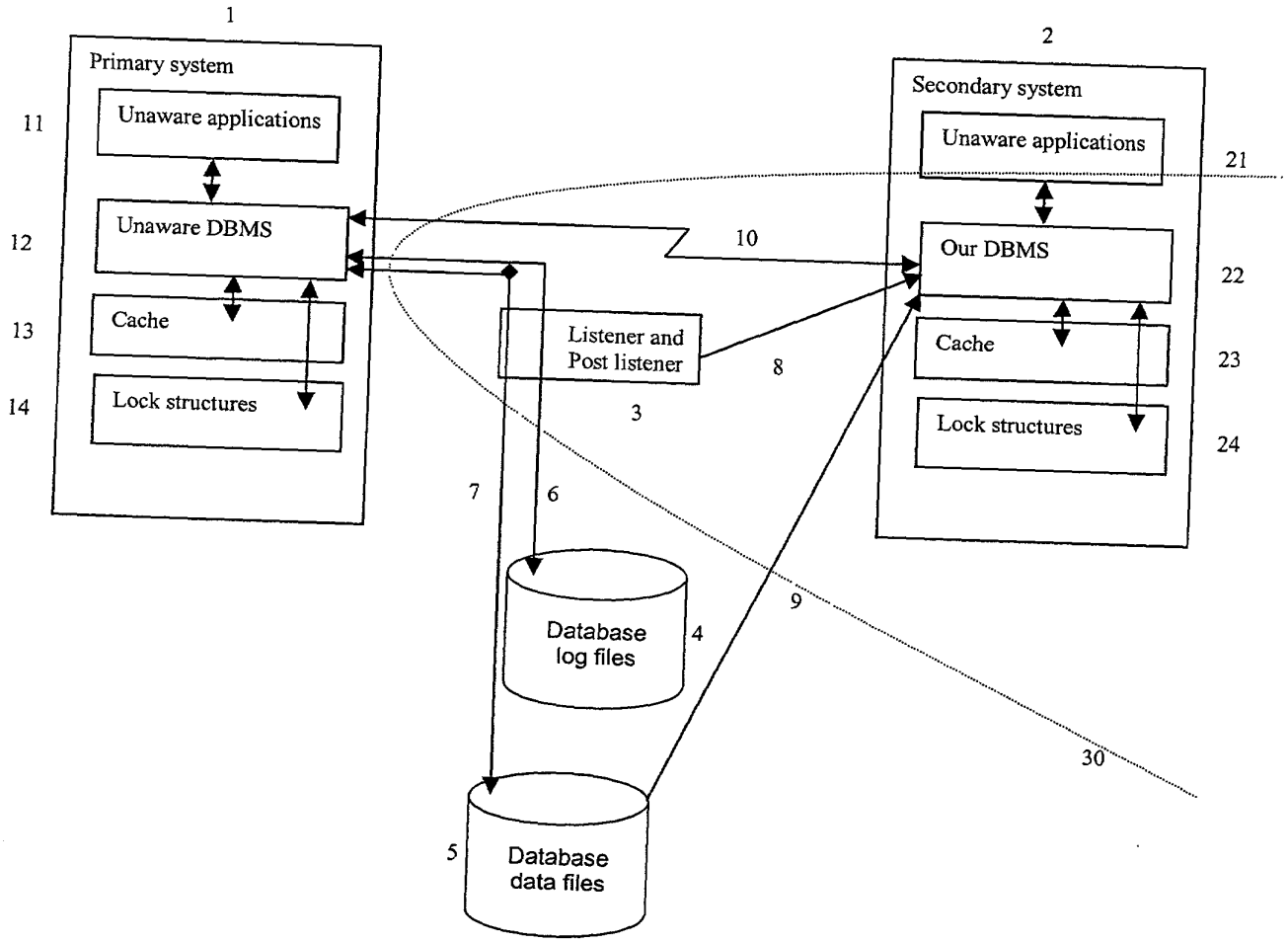
Figures

Fig 1 – Bird's eye view of the system



Document 2 of 34 pages

Fig 2 – the structure describing an Item of Interest

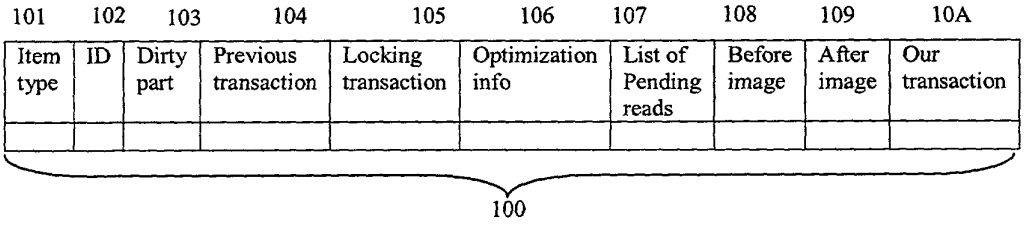
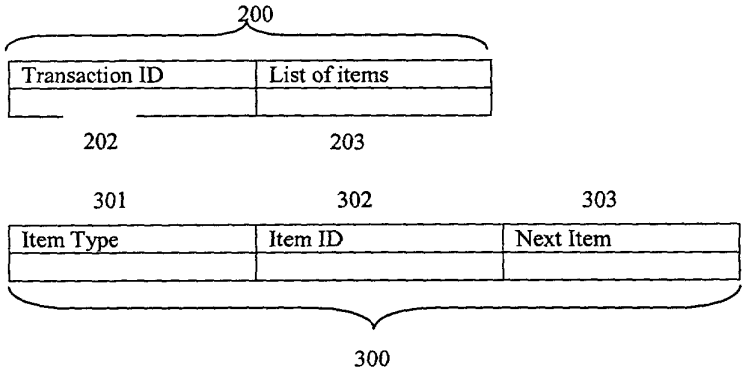


Fig3 – The structure describing a transaction



EP0954794A1 - 991103

Fig 4 – Physical block written to the log

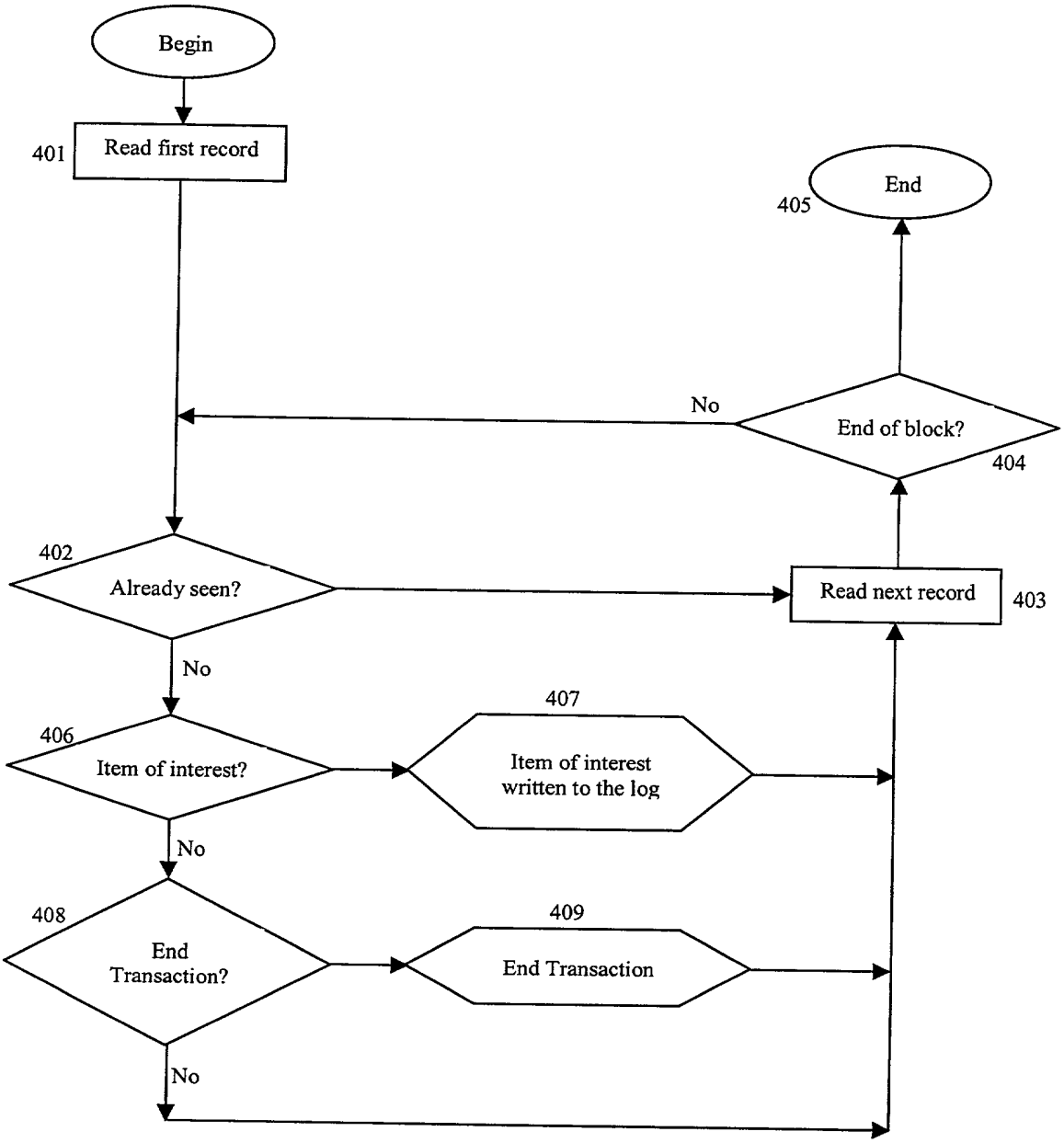


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Fig 5 –Item of Interest written to the log

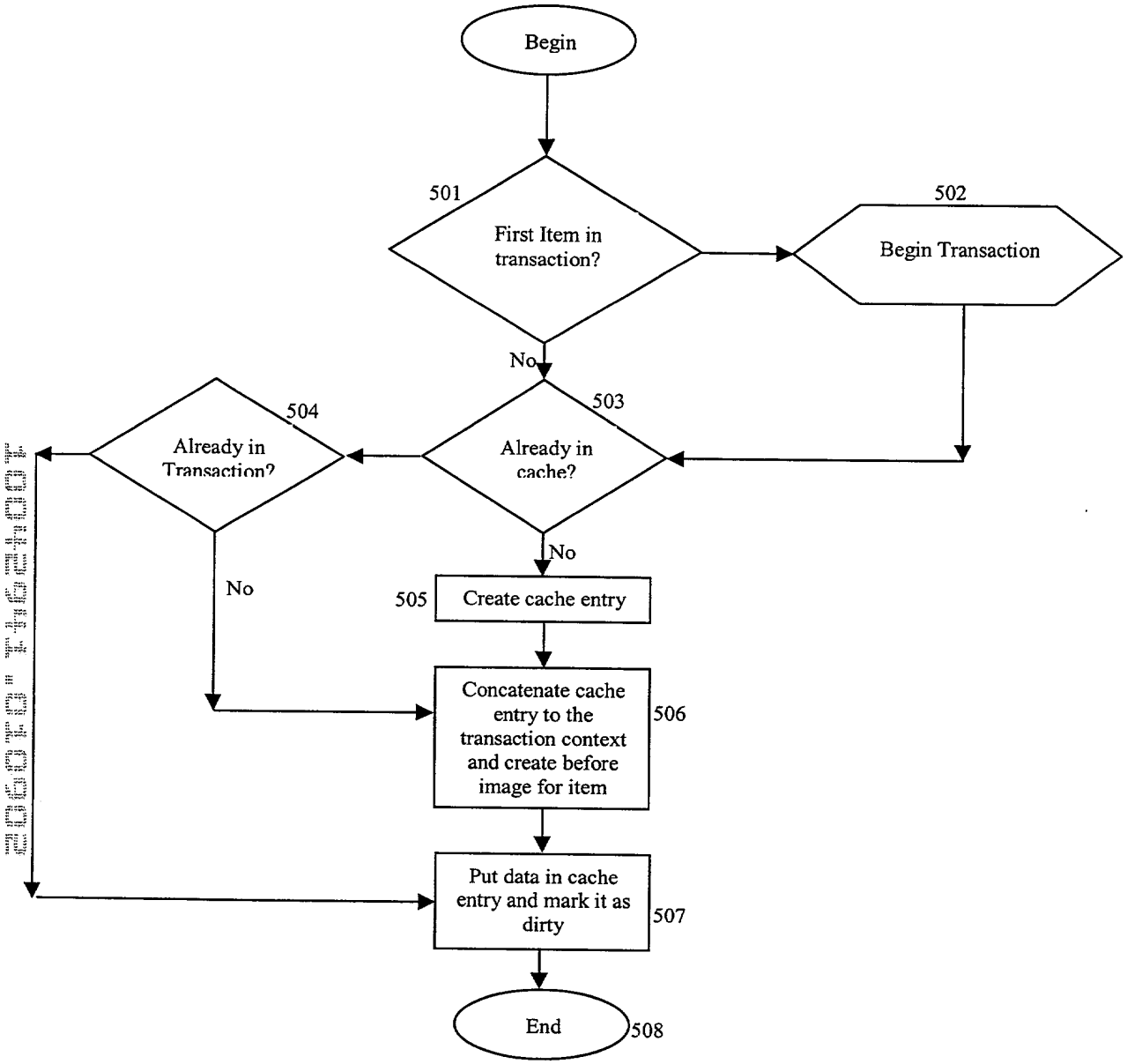
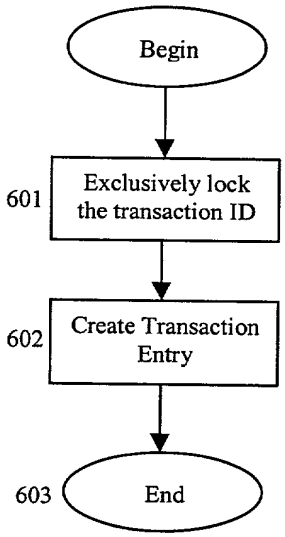
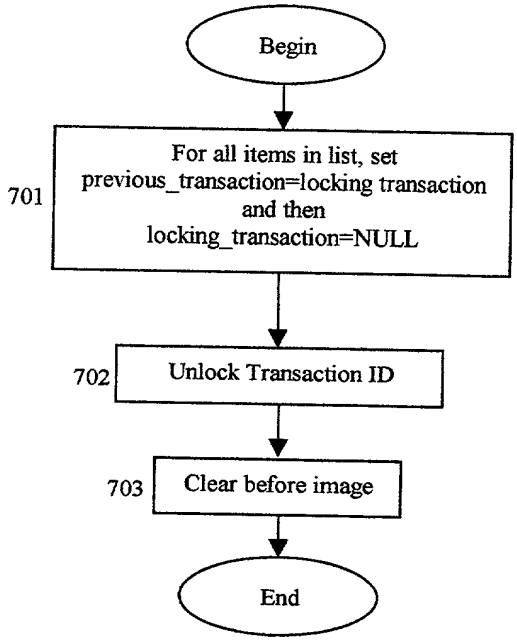


Fig 6 –Begin Transaction



20030404 - pg 6 of 34

Fig 7 –End Transaction



20020424.0204

Fig 8 –Physical block written to the database

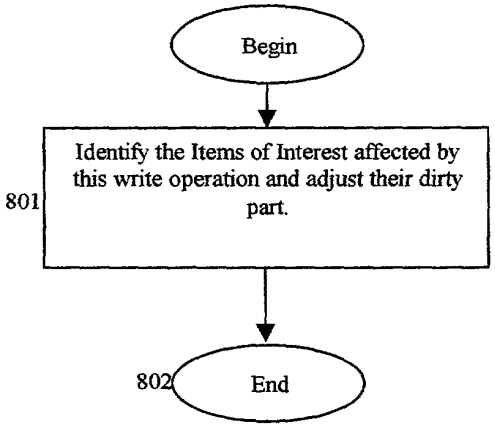


Fig 9 –Unprotected read

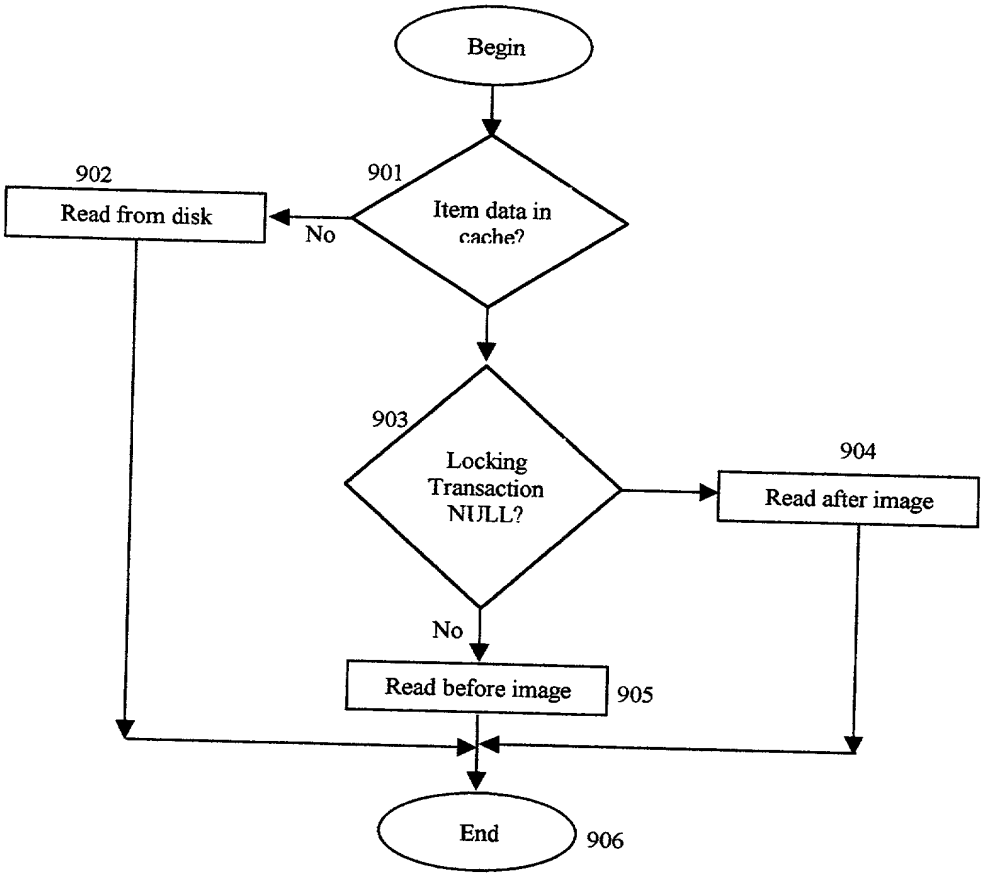
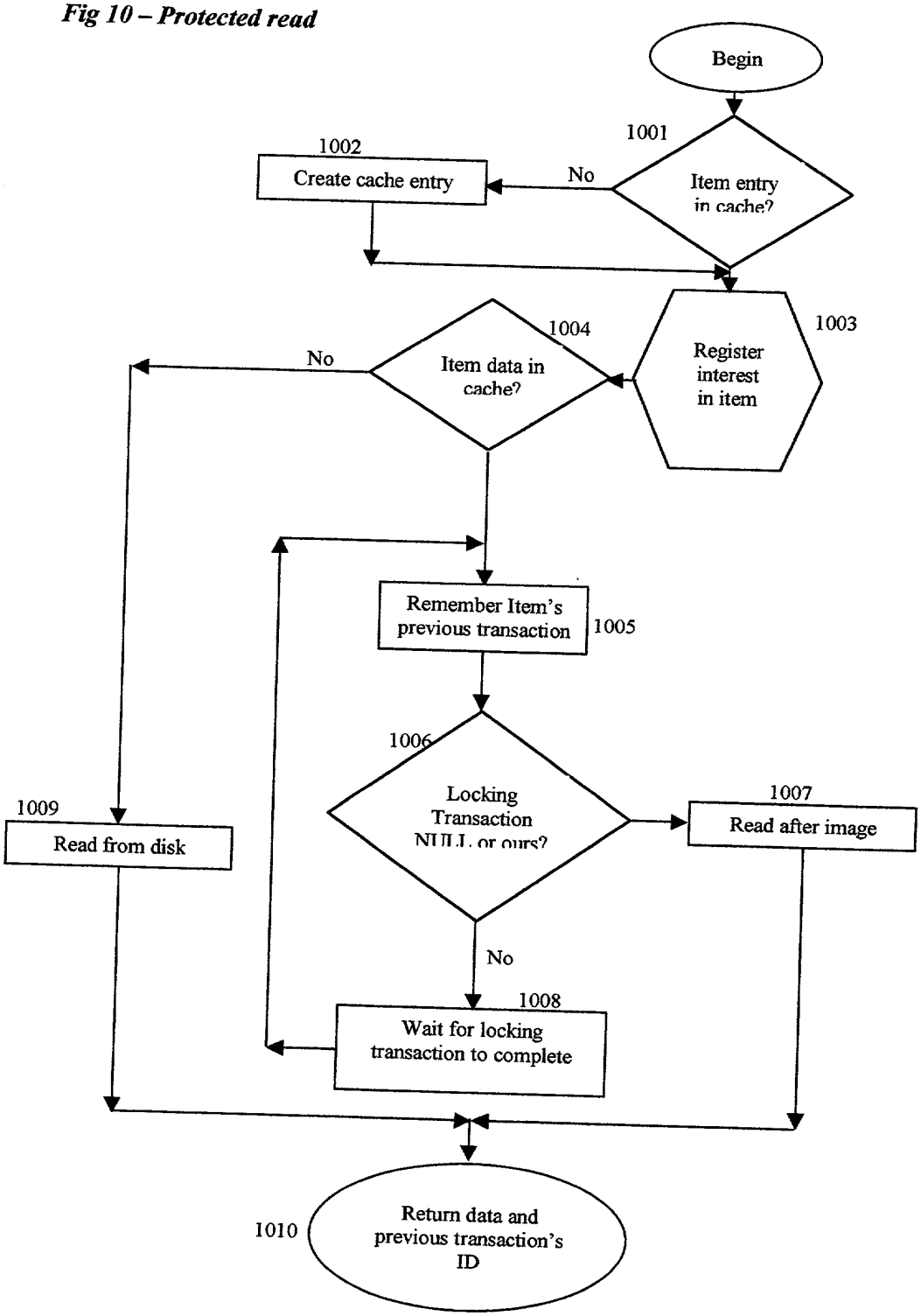
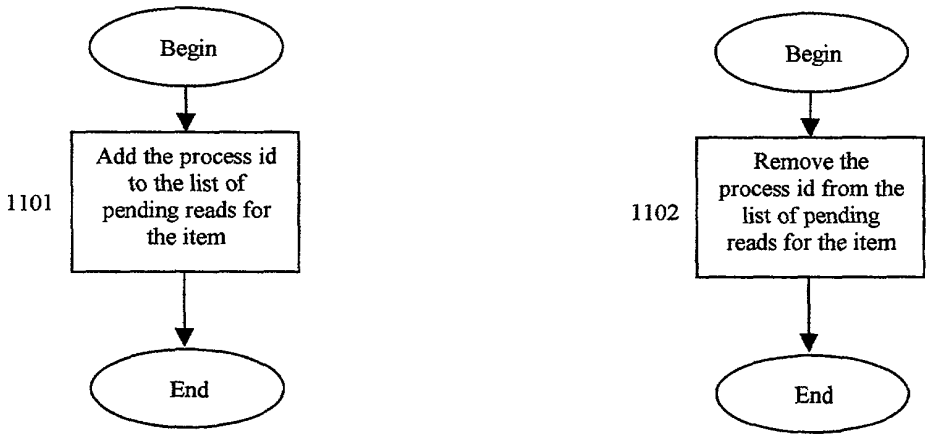


Fig 10 – Protected read



Confidential - Filed in Support of Petition

Fig 11 – Register and unregister interest in item



Microsoft Confidential

Fig 12 – Check Item validity

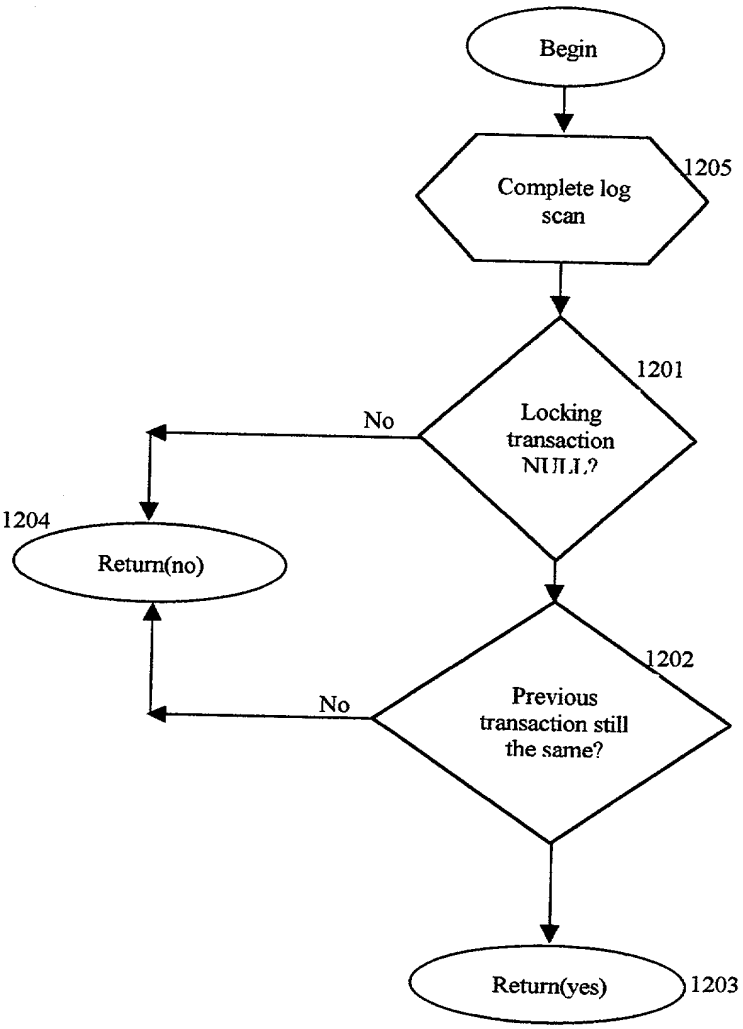


Fig 13 – Post listener

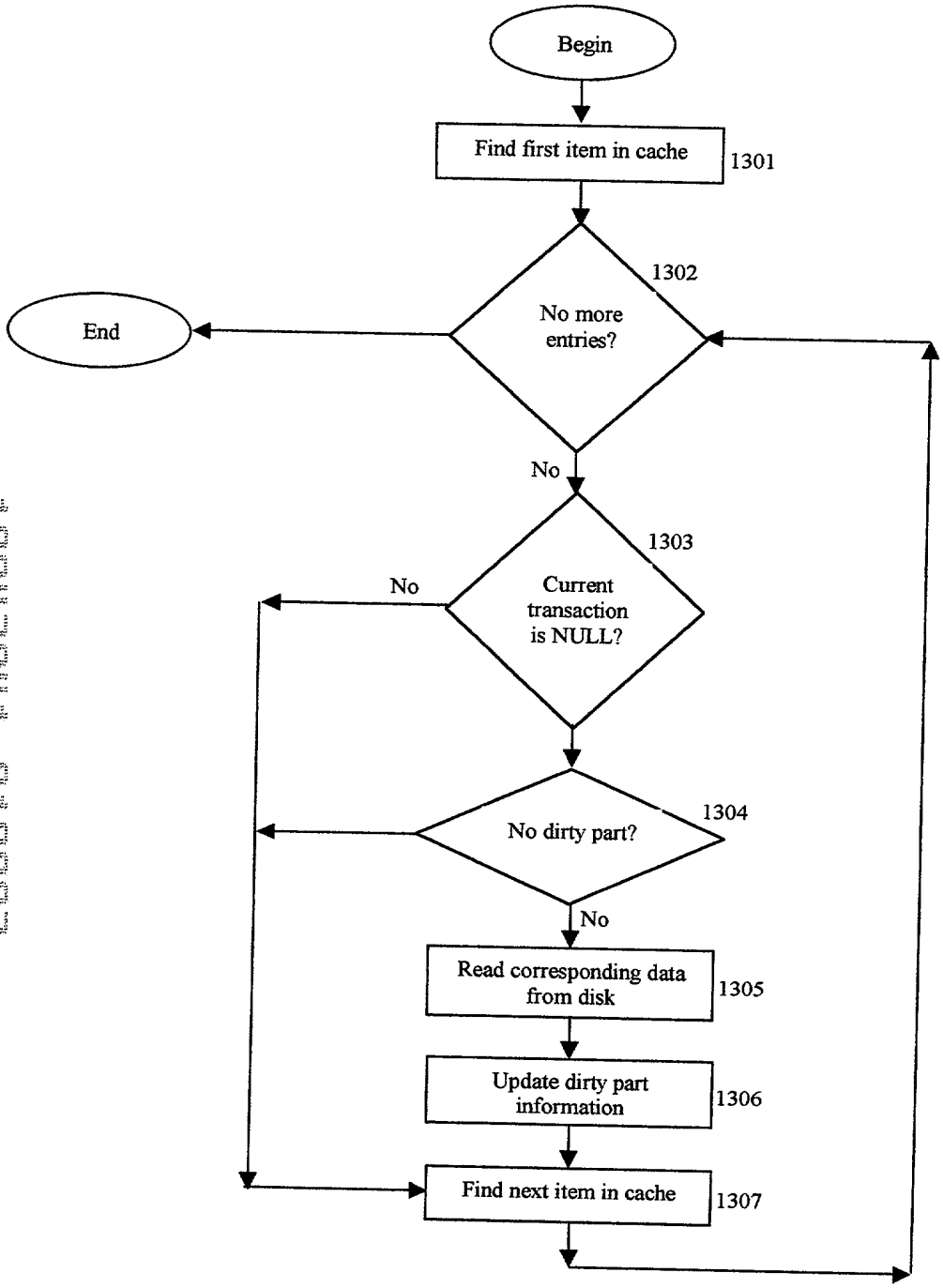


Exhibit 1026, page 34 of 92

Fig 14 – Recovering the system

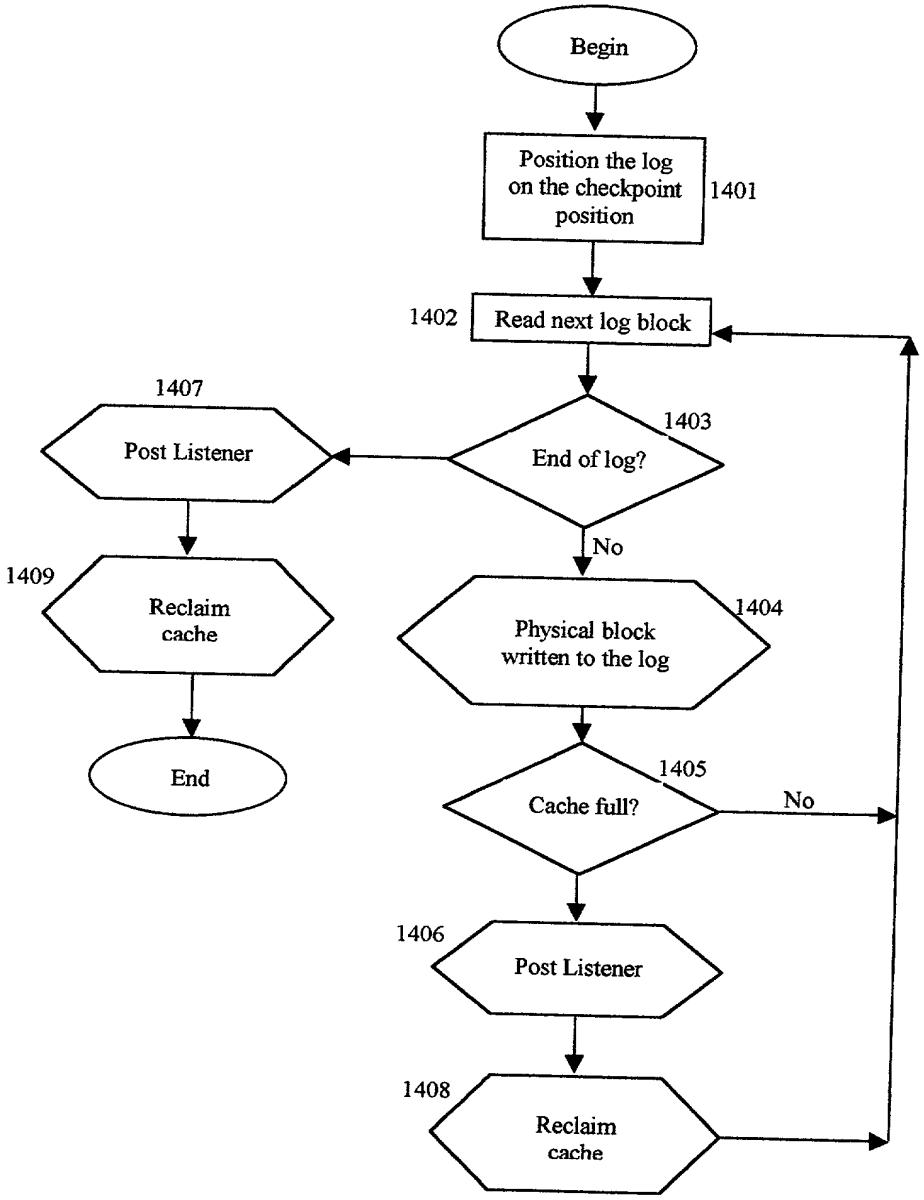
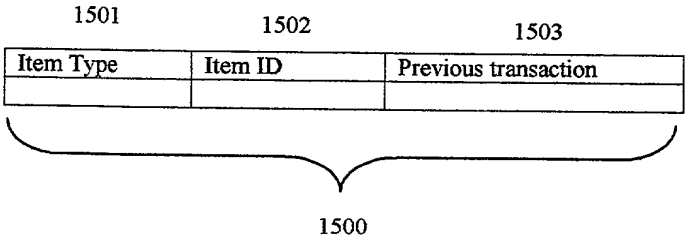


Fig 15 – Entries in the Process items list



SUBSTITUTE SHEET (RULE 26)

Fig 16 – Initiating update

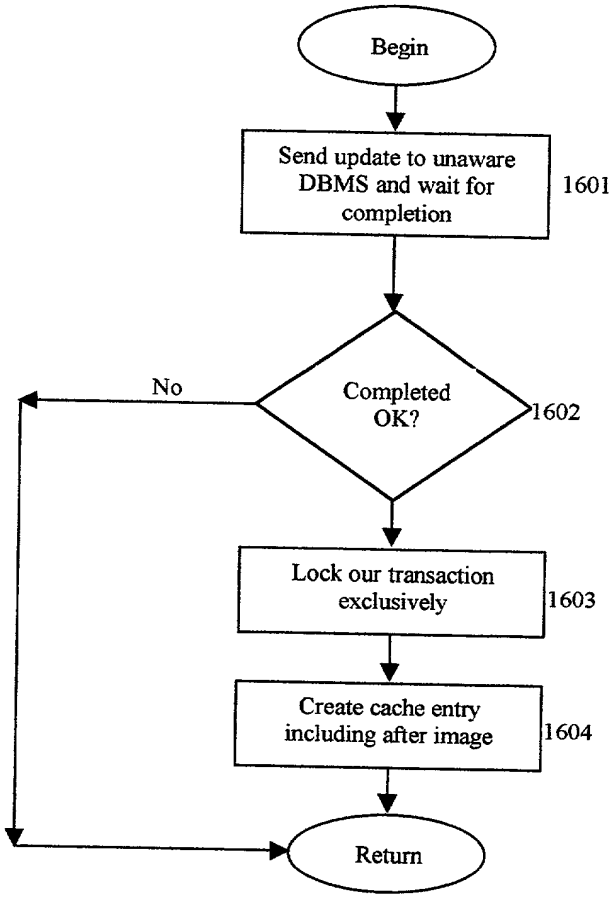


Fig 17 – Supporting snapshots

1701	1702	1703	1704	1705
Transaction ID	Log Position	Time Stamp	Process ID	Next Entry

1700

1801	1802	1803	1804
Table ID	Row ID	Log Position	Before Image

1800

Fig 18 – is_needed

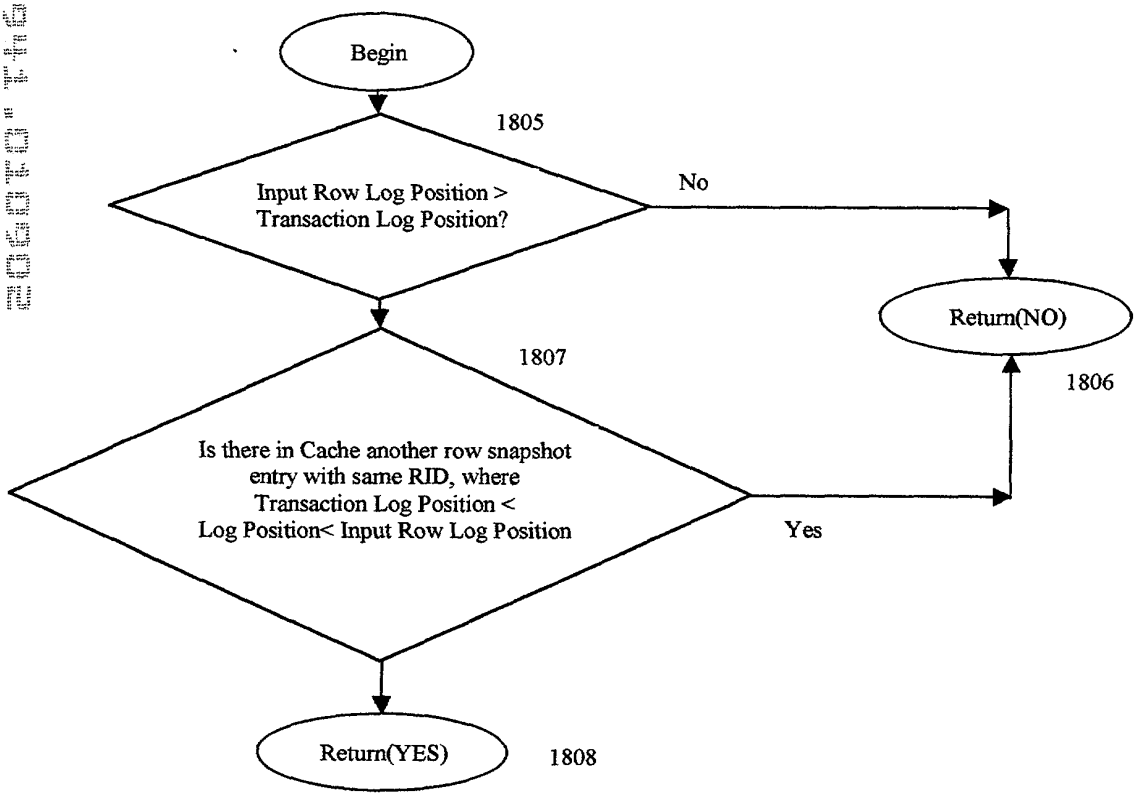


Fig 19 – Start a serializable transaction

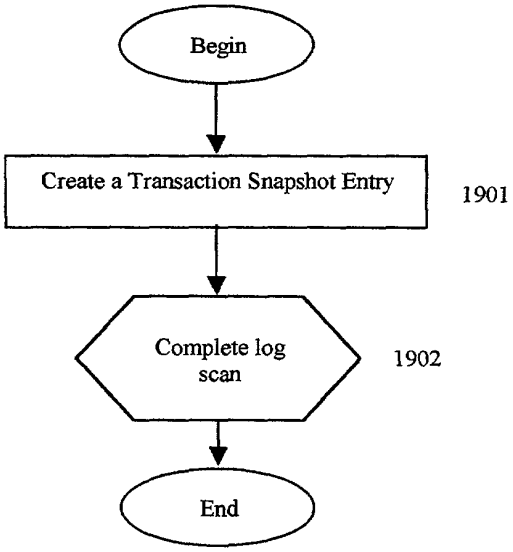


Exhibit 2 - Page 18 of 34

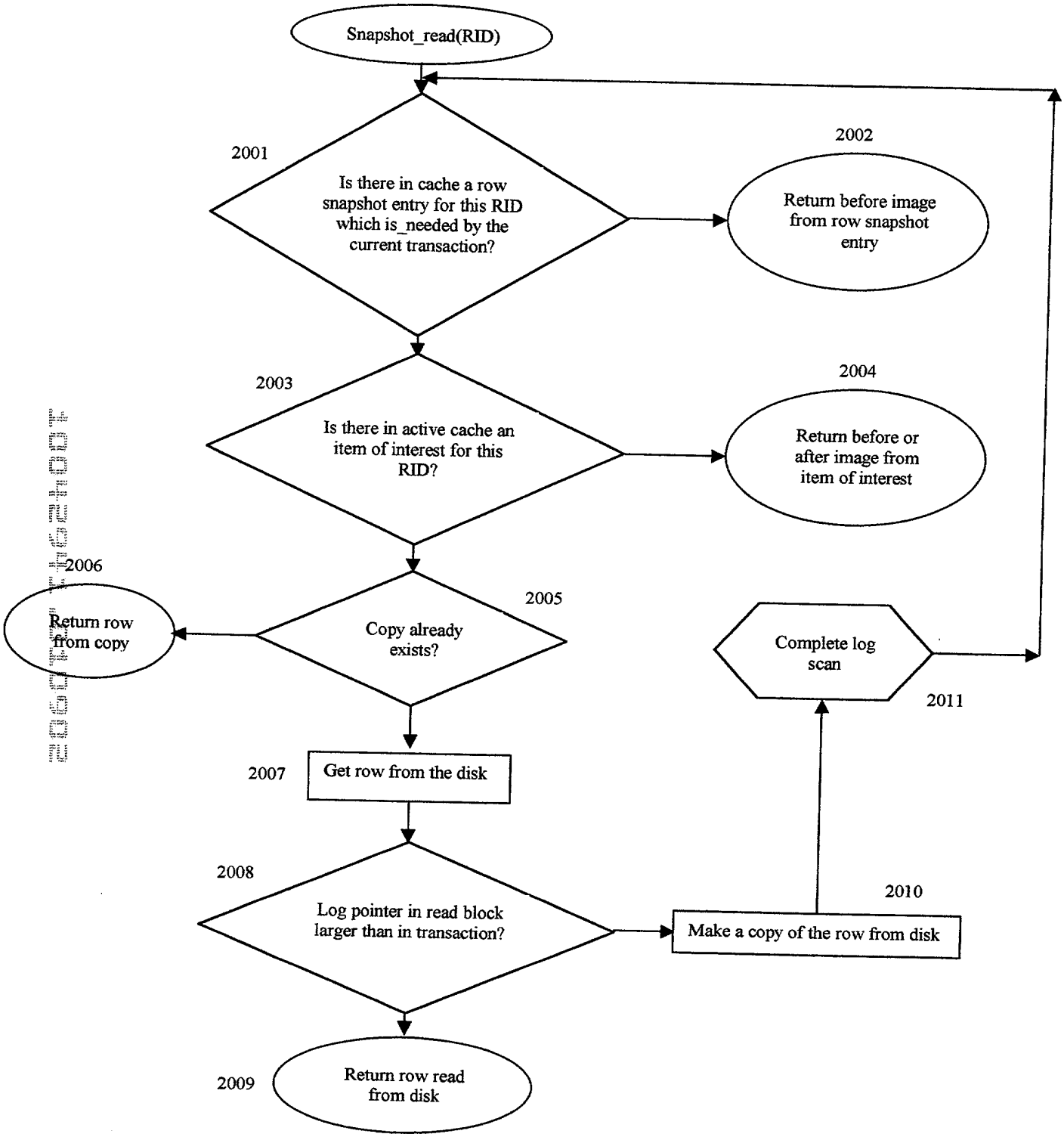



Fig 20 – Snapshot Read